

IN THE CLAIMS:

Please amend Claims 1, 10, and 11 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended) A connection control method for an information processing apparatus, the method comprising:

a reception step of receiving identification information identifying a plurality of wireless networks;

a joining step of automatically joining a first wireless network of the plurality of wireless networks identified by the identification information received in the reception step;

a search step of searching for another information processing apparatus that is a wireless direct print type printer having a function of performing a predetermined processing, in the first wireless network joined;

a request step of requesting, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing is found based on the searching in the search step, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing to perform the predetermined processing; [[and]]

a changing step of automatically joining a second wireless network of the plurality of networks identified by the identification information received in the reception step, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the first wireless network joined

previously is not found based on the searching in the search step, ~~searching for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and of requesting, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing; and~~

a control step of controlling the information processing apparatus so as to search for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and request, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing.

2. (Canceled)

3. (Previously Presented) The method according to claim 1, wherein, in the request step, the other information processing apparatus is an apparatus searched for first in the search step.

4. (Previously Presented) The method according to claim 3, wherein, in the request step, if the predetermined processing performed by an information processing apparatus searched for first in the search step ends as an error, the predetermined processing is requested from another information processing apparatus found based on the searching in the search step.

5. (Previously Presented) The method according to claim 1, further comprising an inquiry step of inquiring of other information processing apparatuses in each wireless network joined whether the other information processing apparatuses have the function of performing the predetermined processing, wherein, if each response to the inquiring is a negative response or no response exists, in the inquiry step, a determination is made in the search step that there is no information processing apparatus having the function of performing the predetermined processing in the wireless network joined.

6. (Previously Presented) The method according to claim 5, wherein, in the inquiry step, an inquiry is made whether all information processing apparatuses in each wireless network joined have the function of performing the predetermined processing.

7. (Previously Presented) The method according to claim 1, wherein the information processing apparatus wirelessly communicates according to a wireless LAN method defined by IEEE 802.11.

8. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an infrastructure mode defined by IEEE 802.11.

9. (Original) The method according to claim 7, wherein the information processing apparatus wirelessly communicates in a communication mode according to an ad-hoc mode defined by IEEE 802.11.

10. (Currently Amended) An information processing apparatus comprising:
reception means for receiving identification information identifying a plurality of wireless networks;

joining means for automatically joining a first wireless network of the plurality wireless networks identified by the identification information received by the reception means;

a search means for searching for another information processing apparatus that is a wireless direct print type printer having a function of performing a predetermined processing, in the first wireless network joined;

request means for requesting, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing is found based on the searching by the search means, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the first wireless network to perform the predetermined processing;
[[and]]

changing means for automatically joining a second wireless network of the plurality of wireless networks identified by the identification information received by the reception means, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the first wireless network joined previously is not found based on by the searching by the search means, ~~searching for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and for requesting, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing; and~~

a control step of controlling the information processing apparatus so as to search for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and request, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing.

11. (Currently Amended) A non-transitory computer-readable storage medium having computer-readable program codes stored therein that, when executed by a computer, cause the computer to perform a method comprising:

a reception step of receiving identification information identifying a plurality of wireless networks;

a joining step of automatically joining a first wireless network of the plurality of wireless networks identified by the identification information received in the reception step;

a search step of searching for another information processing apparatus that is a wireless direct print type printer having a function of performing a predetermined processing, in the first wireless network joined;

a request step of requesting, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing is found in the search step, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the first wireless network to perform the predetermined processing; and

a changing step of automatically joining a second wireless network of the plurality of wireless networks identified by the identification information received in the reception step, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the first wireless network joined previously is not found based on the searching in the search step, ~~searching for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and of requesting, if the other information processing apparatus that is the wireless direct print type~~

~~printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing; and~~

a control step of controlling the information processing apparatus so as to search for the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network, and request, if the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network is found based on the searching, the other information processing apparatus that is the wireless direct print type printer having the function of performing the predetermined processing in the second wireless network to perform the predetermined processing.

12. and 13. (Canceled)

14. (Previously Presented) The method according to claim 5, wherein, in the request step, the predetermined processing is requested from an information processing apparatus that has positively responded to the inquiring in the inquiry step.

15. (Previously Presented) The method according to claim 1, wherein the predetermined processing is print processing.